

PATENT  
Attorney Docket No. P04376US02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent application of: JILKA, Joseph M.

For: METHODS AND COMPOSITIONS FOR OBTAINING DISEASE PROTECTION FOR ECONOMICALLY IMPORTANT ANIMALS,

the specification of which is being transmitted herewith.

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

Attached are Forms PTO/SB/08A and 08B (formerly Form PTO-1449) listing the relevant art known to the applicant herein. The Examiner is requested to consider the references and make them of record. This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior application Serial No. 10/169,813, filed on July 9, 2002. This application also relies, under 35 U.S.C. § 120, on the earlier filing date of prior PCT Application Serial No. PCT/US01/01148, filed on January 14, 2000. Each of the references listed on Forms PTO/SB08A and 08B were submitted to, and/or cited by, the Patent Office in the prior application(s) and, therefore, are not required to be provided in this application:

Applicant discloses herewith patents, publications or other information, of which they are aware that they believe may be material to the examination of this application, and in respect of

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PATRICIA E. WILSON  
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which, there may be a duty to disclose. Legible copies of all items listed in Forms PTO/SB/08A and 08B (formerly Form PTO-1449) accompany this information statement, except those identified above.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 C.F.R. § 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. (Notice of January 9, 1992, 1135 O.G. 13-25, at 25.)

Respectfully submitted,



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- pw -

Attorneys of Record

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<p>Substitute for form 1449A/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p><i>(Use as many sheets as necessary)</i></p>		<p><i>Complete if Known</i></p>	
		Application Number	
		Filing Date	
		First Named Inventor	JILKA, Joseph M.
		Art Unit	1648
		Examiner Name	SALIMI, Ali Reza
Sheet	1	of	2
		Attorney Docket Number	

## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

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Substitute for form 1449B/PTO				Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>					
Sheet	2	of	2	Application Number	
				Filing Date	
				First Named Inventor	JILKA, Joseph M.
				Group Art Unit	1648
				Examiner Name	SALIMI, Ali Reza
				Attorney Docket Number.	P04376US02

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Ermak Thomas H. et al., "Immunization of mice with urease vaccine affords protection against Helicobacter pylori infection in the absence of antibodies and is mediated by MHC class II-restricted responses", J. of Experimental Medicine, 188:12, 1998, pp. 2277-2288	
		Freytag L.L. et al., "Bacterial toxins as mucosal adjuvants", Current Topics in "Microbiology and Immunology" (1999) 236, pp. 215-236	
		Hag et al., "Oral Immunization with a Recombinant Bacterial Antigen Produced in Transgenic Plants", Science, 1995, Vol. 268, pp. 714-716	
		Martin, Michael et al., "Comparative analysis of the mucosal adjuvanticity of the type II heat-labile enterotoxins LT-IIa and LT-IIb", Infection and Immunity, 68:1, 2000, pp. 281-287.	
		Mason et al., "Edible vaccine protects mice against <i>Escherichia coli</i> heat-labile enterotoxin (LT): potatoes expressing a synthetic LT-B gene, Vaccine, 1998, 16:13 pp. 1336-1343	
		Mason et al., "Expression of Norwalk virus capsid protein in transgenic tobacco and potato and its oral immunogenicity in mice", PNAS, USA, 1996, Vol. 93, pp. 5335-5340	
		Tacket Carol O et al., "A review of oral vaccination with transgenic vegetables", Microbes and Infection, 1:10 1999, pp. 777-783	
		Whittin et al., "A String-of-Beads Vaccine, Comprising Linked Minigenes, Confers Protection from Lethal-Dose Virus Challenge", J. of Virology, US, NY, US, 67:1, 1993 pp. 348-352	

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